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(*a*) Microwave, infra-red, Raman

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(*b*) **electronic** (visible, ultra-violet absorption and emission)
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(*c*) **photoelectron**

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(*d*) **electron spin resonance**

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(*e*) nuclear magnetic resonance, quadrupole resonance

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(*f*) neutron scattering

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(*g*) ion cyclotron resonance, mass spectrometry etc.

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THE SECOND ANNUAL GENERAL MEETING of the Faraday Division of The Chemical Society was held at 9.00 a.m., on 19th September, 1973, in the Physiology Lecture Theatre, The University of Oxford, with Professor Sir George Porter, M.A., Ph.D., Sc.D., F.R.S., in the Chair.

1 The Minutes of the First Annual General Meeting of the Faraday Division, which had been circulated previously, were taken as read and confirmed.

2 *Election of Council*

The Members of Council of the Faraday Division of The Chemical Society elected to take office from 3 April 1974 were as follows:

President

PROF. T. M. SUGDEN, M.A., Sc.D., F.R.S.

Vice-Presidents who have held the office of President

SIR FREDERICK DAINTON, M.A., Sc.D., F.R.S.
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Vice-Presidents

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PROF. F. C. TOMPKINS, D.Sc., F.R.I.C., F.R.S.

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The President thanked Professor Ubbelohde and Professor Coulson for their services as Vice-Presidents and Professor Dr. Franck, Professor Hills and Professor Purnell as the retiring Ordinary Members of Council.

3 *Annual Report*

In his report for the year 1972-3, The President said that during the first year of amalgamation, the Faraday Division had been increasingly active. Two traditional General Discussions, 'Reactions of Small Molecules in Excited States' and 'Photoelectron Spectroscopy of Molecules' were held, the proceedings being published as Faraday Discussions of The Chemical Society, No. 53 and 54, and Special Discussion No. 2 on 'Solid Solid Interfaces' took place. A Symposium on 'Molecular Motions in Amorphous Solids and Liquids' formed part of the first Annual Congress of the amalgamated bodies and appeared in print as Faraday Symposium of The Chemical Society No. 6. In addition, informal discussions on 'Ordered Structure in Liquids', 'Solvation Effects' and 'Chemical and Electrical Effects from the Mechanical Treatment of Polymers' took place. There were also a considerable number of Group discussion meetings arranged by the Subject Groups affiliated to the Faraday Division.

The following lectures, associated with the Faraday Division, were delivered: The Faraday Division Presidential Address by the President, Professor J. W. Linnett; a Plenary Lecture at the Autumn Meeting by Professor H. L. Friedman (State University of New York); the Chemical Society Centenary Lecture by Professor J. A. Pople (Carnegie-Mellon University); the Bourke Lectures by

Professor I. Prigogine (Free University of Brussels) and the Spiers Memorial Lecture by Professor G. G. Hall (University of Nottingham). The Marlow Medal for 1972 was awarded to Dr. W. G. Richards (University of Oxford).

Publications in the Transactions, now published as two journals relating to Physical Chemistry and Chemical Physics respectively, increased during the year by about 25%.

The President concluded that the Faraday Division had successfully maintained and extended the traditional activities of the old Society during its first year as part of The Chemical Society.

CORRIGENDA

Molecular Complexes of Substituted Thiophens with σ and π Acceptors

by GIAN GAETANO ALOISI and SALVATORE PIGNATARO

J.C.S. Faraday I, 1973, **69**, 534

Page 535, 13th line from the bottom of the page: for lower wavelength read longer wavelength.

Far Infra-red Absorptions of Non-dipolar Liquids. Part 1.—Experimental Measurements, Quadrupole Interpretation and Model Calculations.

BY GRAHAM J. DAVIES, JOHN CHAMBERLAIN AND MANSEL DAVIES

J.C.S. Faraday II, 1973, **69**, 1223

Although the numerical values of the moments given are correct in both e.s.u. and SI units, some of the equations were incorrectly converted from c.g.s. to SI representation.

Eqn (6*a*) and (6*b*) should read

$$\varepsilon_0'-\varepsilon_\infty' = \frac{1}{4\pi\varepsilon_0^3}\frac{1}{kT}N^2\bar{\alpha}_p^2Q^2\int_0^\infty \frac{1}{R^6}\exp\left[-\frac{U(R)}{kT}\right]\mathrm{d}R, \qquad (6a)$$

$$\varepsilon_0'-\varepsilon_\infty' = \frac{1}{36\pi\varepsilon_0^3}\frac{1}{nkT}N^2\bar{\alpha}_p^2Q^2(n^2+2)^2\int_0^\infty \frac{1}{R^6}\exp\left[-\frac{U(R)}{kT}\right]\mathrm{d}R. \qquad (6b)$$

Eqn (9) should read

$$Q^2 = \frac{48\varepsilon_0^3}{\pi}\frac{n^2kT}{N^2\bar{\alpha}_p^2}\left(\frac{3}{n^2+2}\right)^2\frac{r_0^5Y^4}{H_8(Y)}\Phi. \qquad (9)$$

Eqn (10) should read

$$\Omega^2 = \frac{60\varepsilon_0^3}{\pi}\frac{n}{N^2\bar{\alpha}_p^2}\left(\frac{3}{n^2+2}\right)^2\frac{r_0^7Y^2E}{H_{10}(Y)}\Phi. \qquad (10)$$

Eqn (14) should read

$$u(r) = \frac{1}{4\pi\varepsilon_0}\frac{\sum\delta e_i\delta e_j}{r}. \qquad (14)$$

Eqn (16) should read

$$\mu_{\mathrm{eff}}^2 = \frac{54\varepsilon_0}{\pi}kT\frac{M}{\rho N}\frac{1}{(n^2+2)^2}\int_{\mathrm{band}}\frac{\varepsilon''(\tilde{\nu})}{\tilde{\nu}}\,\mathrm{d}\tilde{\nu}. \qquad (16)$$

We are grateful to Dr. A. H. Price for helpful comments.